

**CLEAN VERSION**

Serial No: 09/830,912

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1. A selective chemotherapy method which includes the step of contacting tumor cells with a composition comprising:

A<sub>1</sub> (a) a plasma-soluble metal salt of ascorbic acid; and

(b) one or more Vitamin C metabolites.

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3. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is an aldonic acid.

A<sub>2</sub> 4. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is a non-toxic metal salts of an aldonic acid.

5. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is an aldono-lactone.

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6. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is a non-toxic metal salts of an aldono-lactone..

7. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is an aldono-lactide.

A<sub>2</sub>  
8. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is a non-toxic metal salts of an aldono-lactide.

9. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is dehydroascorbic acid.

10. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is threose.

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11. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is erythreose.

12. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is 4-hydroxy-5-methyl-3(2H)-furanone.

A<sub>2</sub>  
13. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is 3-hydroxykojic acid.

14. The selective chemotherapy method of Claim 1 wherein said Vitamin C metabolite is 5-hydroxymaltol.

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